

# Saturday report of a gunman on campus a hoax

*Tip said gunman was after Reif in retaliation for Swartz death, alerts to students delayed*



CHRISTIAN R. REED

MIT and Cambridge police responded to a report of a gunman with a long rifle and body armor at 77 Massachusetts Avenue at 7:30 a.m. Saturday. The tip said that the gunman was going after L. Rafael Reif in retaliation for Aaron Swartz's death. The report was later determined to be a hoax after police finished searching room-to-room in MIT's Main Group Buildings. Students were first notified of the situation over an hour after police began closing off the area.

By Joanna Kao  
CONTRIBUTING EDITOR

The Cambridge Police received a false report early Saturday morning of a "male with a large firearm and wearing body armor" at 77 Massachusetts Avenue. The report was declared to be false around 2.5 hours later after MIT and Cambridge police searched each building room-to-room. Students were not notified of the situation until after an hour after the initial tip.

The report came in as an ongoing, electronic, running message at 7:28 a.m. Two minutes later, Cambridge and MIT officers responded to 77 Mass. Avenue and began searching and clearing administrative offices, classrooms, and bathrooms in MIT's Main Group (central buildings). About 30 officers responded, according to John Boyle, a Cambridge police spokesperson. A special response team was notified and was on standby, but was not needed. The Boston Police department offered

resources but was also not needed. State police shut down Massachusetts Avenue between Vassar Street and Memorial Drive at 7:35 a.m. MIT and Cambridge police set up a perimeter around MIT's main buildings, although they ran into students and MIT staff several times during the search. A graduate student commented on MIT News's Facebook page asking if he should leave if he was in the Main Group Building, but no one from MIT responded.

Police radio traffic suggested that the gunman had a long rifle and body armor, was hiding in the bathroom and that he was going after MIT President L. Rafael Reif and school staff in retaliation for the death of Aaron Swartz. It is unclear how long the police were connected to the tipster, but the tipster was disconnected before 7:49 a.m.

The report came in as a running message received via an Internet relay or "electronic messaging sys-

**Hoax, Page 8**

## New Media Lab Fellows

*Joichi Ito names nine people for the new and eclectic Director's Fellows program*

By Kath Xu  
STAFF REPORTER

What does the co-creator of *Lost* and director of the next *Star Wars* film have to do with an international chess grandmaster? A successful fashion designer? The author of a *New York Times* bestseller? All are members of the MIT Media Lab's first group of Director's Fellows, announced last month in a Media Lab blog post.

Joichi Ito, Director of the Media Lab, created the program to foster innovation and expand the outreach of the Media Lab's network. During their year-long relationship with the Lab, the Fellows are expected to interact with MIT students and faculty by collaborating on projects or giving talks.

According to the Director's Fellows

website, the list of Fellows includes Emmy Award-winning director J.J. Abrams, chess grandmaster Maurice Ashley, fashion designer Christopher Bevens, Nairobi-based technologists and activists David Kobia and Juliana Rotich, open education activist Philipp Schmidt, Detroit community activist Shaka Senghor, maker movement advocate Jeff Sturges, and author and comedian Baratunde Thurston.

"The Director's Fellows Program is kind of an initial shot at my going out and trying to find an interesting group of people who would inspire and challenge our students and faculty to think in different ways, who are also doing really interesting things in their local communities as well as their respective

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### IN SHORT

President L. Rafael Reif and former Intel CEO Craig Barrett published a column in the *Financial Times* yesterday urging the federal government to spare scientific research dollars from the impending sequestration. "To slash America's R&D capability in the name of fiscal responsibility would be akin to seeking greater efficiency for an aircraft by jettisoning the engines," they wrote.

On Monday, the Cambridge City Council passed a rezoning petition from Forest City Enterprises that will allow for new Millenium Pharmaceuticals offices and labs in a 95-foot building on MIT property at 300 Massachusetts Ave., abutting Random Hall. The vote followed comments from local residents, who expressed a range of opinions on the issue.

Send news information and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).

## Cambridge releases Hubway usage statistics

The City of Cambridge released ridership statistics on the Hubway bikeshare program last week. Since its launch in late July 2012, Hubway has proven successful at attracting daily bike riders, especially in the MIT vicinity.

The MIT station, at Massachusetts Avenue and Amherst Street, saw the most ridership among all Hubway stops, averaging 6.3 rides per bike per day during its 118 days in service.

According to data from the City of Cambridge, the next most popular stop was Harvard Square, at Mass. Ave. and Dunster, averaging 5.2 rides per bike per day during its 122 days in service. Other MIT stations are located at the Kendall T stop and next to the Stata Center, which have also proved popular among bike riders, averaging 2.1 and 4.1 rides per bike per day, respectively.

The success of Hubway at MIT is not unexpected. According to the City of Cambridge, MIT has taken an active part in promoting the Hubway program around campus with posters about "sustainable transportation options."

In previous articles, *The Tech* reported that Hubway stations at MIT are so busy that they often fill up quickly during peak hours. In addition, it was reported that MIT sold 628 Hub-

way memberships to the local community as of November.

Hubway still faces several business challenges. According to the City of Cambridge, Hubway revenues to date have not covered the high upfront costs of installing stations, although Cambridge expects this problem to be resolved as the system continues to be used.

Hubway is still trying to fill in gaps in its network. Yesterday, in a letter to the Cambridge City Council, City Manager Robert Healy requested that \$369,310 be appropriated to create three new stations.

Currently, expansion is being considered in Kendall Square, North Mass. Ave., and the Alewife station area. Of the stated \$369,310, MIT is providing \$4,044. This amount is less than the contributions of Harvard, Google, and the Cambridge-side Galleria, all of which exceed \$60,000 each. Healy states that in 2013, Cambridge will seek to further increase ridership and solicit more donations.

The Hubway stations are expected to reopen from their winter closure in March.

—Anthony Yu

### Hubway at MIT

Station	Ridership	Days Open	Rides/Bike/Day
1. Kendall T	739	37	2.1
2. Stata	3,966	114	4.1
3. Mass Ave / Amherst	7,077	118	6.3



INFOGRAPHIC BY ANTHONY YU

### NBA ALL-STAR WEEKEND

From the "Shooting Stars" to the All-Star game.

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### POINT: WEAKENS SELF-DEFENSE

Stricter gun control is not the solution.  
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### COUNTERPOINT: LIFE-SAVING

Gun control could save lives and free us from fear.  
**OPINION, p. 4**



### THE PIGEONS, THEY'RE BACK

And this time with Abraham Lincoln. What happens in your dreams?  
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### UP, UP IN THE CLOUDS

The secret life studying cloud formation in the Green Building.  
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# Obama urges Congress to find compromise on budget cuts

By Michael D. Shear  
THE NEW YORK TIMES

WASHINGTON — With automatic budget cuts set to hit by the end of the week, President Barack Obama on Monday again warned of dire consequences and urged Congress to find a way to compromise in the next four days.

“These cuts do not have to happen,” Obama told a gathering of the nation’s governors at the White House. “Congress can turn them off at any time with just a little bit of compromise.”

The president acknowledged that the effects of the \$85 billion in automatic cuts — known as sequestration — would not “all be felt” when the cuts become law Friday. But he

said that the effects of the cuts would grow over time. “The longer these cutbacks are in place, the bigger the impact will be,” he told the governors. He also urged them to talk to lawmakers and “remind them in no uncertain terms exactly what is at stake.”

But the White House and Republicans in Congress have shown no evidence of plans to actually negotiate in an effort to avert the automatic cuts.

Obama’s administration has spent the past week painting an increasingly bleak picture of life in America after the cuts: jobs lost, government contracts cut, Federal Aviation Administration facilities closed, child care made scarce. Over the weekend, the administration released what it said would be the effects of cuts, state by state.

In the meeting with the governors, Obama said the impact could be avoided if Republicans would be willing to embrace some increase in revenue by closing tax loopholes that grant breaks to the wealthy and to corporations. In exchange, Obama said that Democrats would be willing to accept what he called modest changes in entitlement programs like Medicare. He said that Congress should also agree to new spending on infrastructure and preschool, and that such programs would save money in the long run. “There are always going to be areas where we have some genuine disagreements,” Obama said. “There are more areas where we can do a lot more cooperating than, I think, we’ve seen over the last several years.”

# Republicans sign brief in support of gay marriage

By Sheryl Gay Stolberg  
THE NEW YORK TIMES

WASHINGTON — Dozens of prominent Republicans — including top advisers to former President George W. Bush, four former governors and two members of Congress — have signed a legal brief arguing that gay people have a constitutional right to marry, a position that amounts to a direct challenge to Speaker John A. Boehner and reflects the civil war in the party since the November election.

The document will be submitted

this week to the Supreme Court in support of a suit to strike down Proposition 8, a California ballot initiative barring same-sex marriage, and all similar bans. The court will hear back-to-back arguments next month in that case and another pivotal gay rights case that challenges the 1996 federal Defense of Marriage Act.

The Proposition 8 case already has a powerful conservative supporter: Theodore B. Olson, the former solicitor general under Bush and one of the suit’s two lead lawyers. The amicus, or friend of the court, brief is being filed with Olson’s blessing.

It argues, as he does, that same-sex marriage promotes family values by allowing children of gay couples to grow up in two-parent homes, and that it advances conservative values of “limited government and maximizing individual freedom.”

Legal analysts said the brief had the potential to sway conservative justices as much for the prominent names attached to it as for its legal arguments. The list of signers includes a string of Republican officials and influential thinkers — 75 as of Monday evening — who are not ordinarily associated with gay rights advocacy.

# Video claims family held by Nigerian extremists

LAGOS, Nigeria — A French family kidnapped last week on the Cameroon-Nigeria border appeared on a video posted on YouTube Monday, with one of the hostages and a gunman claiming that the family is being held by Nigerian Islamist extremist group Boko Haram.

The family — three adults and four children — are shown sitting on the ground inside a sort of tent made from prayer mats, in front of a black Qaida-style banner, grim-faced but apparently in good health. The children, boys ages 5 to 12, fidget and glance at the camera. The family is flanked by two masked, fatigues-wearing men holding rifles, and in front of them is another masked hostage taker, who reads out a statement in Arabic demanding the release of “brothers” and “sisters” and threatening twice to “slaughter those we took” unless the group’s demands are met.

The French military campaign against Islamist militants in Mali is obliquely referred to by the masked gunman, who says “the president of France” has “waged war against Islam.”

—Adam Nossiter, The New York Times

# Ex-director of Goldman Sachs told to repay legal costs

NEW YORK — A federal judge on Monday ordered Rajat K. Gupta, a former Goldman Sachs director, to pay the bank more than \$6.2 million to reimburse it for legal expenses connected to his insider trading case.

Last June, a jury convicted Gupta, 64, of leaking boardroom secrets about Goldman to hedge fund manager Raj Rajaratnam, who himself was convicted of insider trading in 2011 and sentenced to 11 years in prison. The presiding judge, Jed S. Rakoff, sentenced Gupta to two years in prison. He is free on bail while appealing the conviction.

Goldman had sought \$6.9 million in reimbursement from Gupta, which represented the total amount the bank had paid to its primary outside counsel at the law firm Sullivan & Cromwell for an internal investigation and other expenses.

—Peter Lattman, The New York Times

# Cannibal case trial begins

NEW YORK — Kathleen Mangan-Valle, said that when she delved into her husband’s electronic chat history, she found he had been communicating with others about plans to torture and kill women, including herself. “I was going to be tied up by my feet and my throat slit, and they would have fun watching the blood gush out of me,” she said, sobbing repeatedly through her afternoon on the witness stand.

The officer, Gilberto Valle, has been charged with plotting on the Internet to kidnap, rape, kill, and cannibalize female victims. His wife was the first witness in the trial, which began on Monday in U.S. District Court in Manhattan.

—Benjamin Weiser, The New York Times



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THE SECRET LIVES OF RESEARCHERS

Head in the clouds

The mystery of cloud formation precipitates research

By Sarvesh Garimella

As undergraduates at MIT, we whispered under our breaths as we passed the Green Building about the lonely, mysterious graduate students who worked there — “The lights never go off! There is always someone there.” As a graduate student, I’ve had the privilege to meet some of those nocturnal souls. This is one of their stories.

—Emily A. Moberg

My name is Sarvesh Garimella, and I have chosen to lead the mysterious life of a researcher for the next few years. As a graduate student studying climate science in the Earth, Atmospheric, and Planetary Sciences Department (Course 12, for those of you who keep track of such things), I spend the majority of my time running experiments in the MIT Aerosol and Cloud Laboratory and analyzing the data from these experiments.

Basically, I look at how aerosol particles interact with water vapor in the atmosphere to form various types of clouds. I am interested in the micro-physics of these interactions and how they affect the formation and persistence of clouds in Earth’s atmosphere. In fact, the lack of understanding on how clouds behave in the climate system is the single largest uncertainty in all of the climate sciences—something we cloud scientists like to call job security.

So here’s what we do know: aerosol particles alone tend to have a net cooling effect on the climate system since they reflect and scatter incoming solar radiation, preventing it from reaching the surface. However, these particles also

interact with water in the atmosphere to form various types of clouds through a variety of physical mechanisms. These clouds can either cool or warm the Earth since they can reflect light back to space as well as prevent heat from escaping the Earth.

The topic of cloud formation requires a great deal of fundamental research but also has wide societal implications.

Because the characteristics of clouds depend on many dynamical and physical factors (like the temperature, relative humidity, aerosol particle number, particle size, and particle composition), we need to perform experiments in the laboratory to determine how, when, and what type of clouds can form under particular conditions. In order to understand how Earth’s climate will evolve as a result of human activities, we need to pin down the role of aerosols and clouds. They are the single largest source of uncertainty in the climate system, especially because of a lack of physical underpinnings to describe their behavior.

On a day-to-day basis, I spend my time in lab using cloud chambers to study droplet or ice crystal formation in

the presence of aerosol particles. There are several types of cloud chambers, but all of them allow us to control the temperature and relative humidity that aerosol particles encounter. I look at the data from these experiments to investigate how well various types of particles seed clouds in the atmosphere.

In particular, I am interested in how mineral dust aerosols — those blown from arid regions — affect the ability for clouds to form. They are very abundant in Earth’s atmosphere and are responsible for a great deal of cloud seeding. Often times, mineral dust also has biological or anthropogenic material included in it, which drastically changes this cloud-seeding ability. These changes can have a significant effect on future climate. However, such effects are poorly understood, so I am investigating them in the laboratory.

Overall, I find the topic of cloud formation a fascinating one since it requires a great deal of fundamental research but also has wide societal implications. I have greatly enjoyed the work I have been able to do so far, especially spending a summer doing research in Germany, and I look forward to helping answer some fundamental questions in the field. Luckily for me, answers to these questions are still fairly elusive: as a result, I am guaranteed a mysterious life for years to come.

Want to write about your experiences in research in this column? Email [emoberg@mit.edu](mailto:emoberg@mit.edu) and [cl@the-tech.mit.edu](mailto:cl@the-tech.mit.edu) to find out more and contribute!

EVENTS FEB. 26 – MAR. 4

TUESDAY

(12:00 p.m. – 1:00 p.m.) Artists Beyond the Desk presents Gabriel Zucker’s piano sonatas — 14W-111

(3:00 p.m. – 5:00 p.m.) Cory Doctorow: “A World Made of Computers: Why Getting It Wrong Matters” talk on technology regulation — E14-633

WEDNESDAY

(12:00 p.m.) CAST Music and Technology: Eric Singer, concert of robotic musical instruments — 14W-111

(7:00 p.m. - 8:30 p.m.) South Asian Women Resist: Religious Fundamentalism, Imperialism, and The State in Bangladesh, India, and Pakistan — 4-231

THURSDAY

(4:30 p.m. – 6:00 p.m.) Skoltech & MIT Russia Distinguished Lecture Series: Reset 2.0: Prospects and Possibilities? — 56-114

(6:00 p.m. – 9:00 p.m.) Women in the MA Game Industry: A Discussion of Diversity, Challenges and Progress — Microsoft NERD Center, 1 Memorial Drive

FRIDAY

(7:00 p.m.) LSC shows *Argo* — 26-100

(7:00 p.m. – 8:00 p.m.) *ORCHIDS: an intersex adventure*, film screening — 6-120

SATURDAY

(2:00 p.m. – 6:00 p.m.) Jai Bhim Comrade documentary by Annd Patwardhan — 26-100

(7:30 p.m. – 9:30 p.m.) Debut concert by EVIYAN Iva Bittova, violinist/vocalist; Gyan Riley, guitarist; and Evan Ziporyn — Kresge Auditorium

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A random sampling of people you’ll meet during a typical dinner at The Tech:

- |                   |                    |                  |
|-------------------|--------------------|------------------|
| Derek, Course 1   | Austin, Course 8   | Chris, Course 16 |
| Sarah, Course 2   | Ian, Course 9      | Anne, Course 17  |
| Annia, Course 3   | Joyce, Course 10   | Leon, Course 18  |
| Jenny, Course 4   | Sara, Course 11    | Jack, Course 19  |
| Elijah, Course 5  | Vince, Course 12   | Stan, Course 20  |
| Deborah, Course 6 | Anthony, Course 14 | Stephen, 21/CMS  |
| Kali, Course 7    | Maggie, Course 15  | Keith, Course 22 |

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Abraham  
the Common Father  
of  
Jews,  
Christians  
and  
Muslims?



Biblical Scholar: Prof. Jon D. Levenson  
Harvard Divinity School  
Albert A. List Professor of Jewish Studies

Tuesday, March 5, 2013, 7:15 pm

W11—Main Dining Room,  
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Dessert will be available.  
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MIT Interfaith Dialogue



# First set of Media Lab Director’s Fellows selected

*Joi Ito picked nine leaders of their respective fields to be part of Media Lab initiative*

**Fellows**, from Page 1

fields,” explained Ito in an interview with *The Tech*. “Each of them has a tremendous amount of potential or is already quite accomplished in whatever they do.”

The type of work each Fellow does varies immensely — diversity that Ito hand-picked. Open education activist Philipp Schmidt first met Ito when Ito sat on the board of Creative Commons. At the time, Schmidt was trying to persuade more universities to make their course material public by adopting Creative Commons licenses.

“I think about ways the Media Lab could do online learning. And then I build prototypes and experiment with new tools and approaches, to try it out,” Schmidt said of his current work. “We just launched the first one at <http://learn.media.mit.edu> (an online course called Learning Creative Learning) — which is a collaboration with Mitch Resnick and his group Lifelong Kindergarten.”

## The type of work each Fellow does varies immensely — diversity that Ito hand-picked.

Schmidt continued, “I will definitely be here through the summer, and I am already hatching plans to stay longer. Building on the experience with Learning Creative Learning, I plan to build a range of online courses as well as some learning opportunities that look nothing like courses”

Fellow Chris Bevans is a fashion designer whose clientele includes celebrities such as Jay-Z, Kanye West, and John Legend.

“As 1 of 9 of the Director’s Fellows, it’s truly an honor to have a

fellowship with the Media Lab. My specialty is fashion design and textiles,” wrote Bevans in an email to *The Tech*. “So, my goal is to work with some of the PhD students that are innovating in the field, create and collaborate with them, and share our ideas with the world of fashion. I’ve already started working with a few students on a very exciting project around sound reactive materials.”

### Ito had offered Abrams a position on the Media Lab’s Advisory Board, but he turned it down to be a Fellow.

Fellow J.J. Abrams is similarly no stranger to celebrities, although his work consists of designing films rather than clothing. His next movie, *Star Trek Into the Darkness*, is slated to come out in May. Ito had initially offered Abrams a position on the Media Lab’s Advisory Board, but he turned it down to be a Director’s Fellow. Ito took this as a positive sign that Abrams intends to do serious work at the Media Lab, although the two are still in the midst of syncing timing.

Ito explained, “He’s, as you can imagine, really busy, so the scheduling part is going to be tricky, but we’re working on trying to figure out the period that he’ll be here.” According to Ito, the idea is for Abrams to spend about three weeks in the area when he comes up to the East Coast for family trips.

“When he came [to the Media Lab], he got super excited, and the thing that was interesting is that it wasn’t that he got excited about ideas for his next movie,” said Ito. “He got excited about the idea of actually doing stuff here.”



Joi Ito, Director of the Media Lab, speaks about the creation of the Director’s Fellows program.

Although Ito became director of the Media Lab only a little more than a year ago, in November 2011, he said that he had been thinking about the fellowship program for a while. “I had the idea very early on, even before I started officially. I started bringing people through the Lab as speakers and as visitors. But many of them felt like they could have an ongoing relationship with the Lab, so I started informally bringing people in,” Ito said. “From a communications perspective, a fundraising perspective and sort of a program perspective, it runs better if you formalize it a little bit and create some

structure, so we did that.”

Ito admits that the Fellows Program is currently a work in progress, but hopes to formalize the process of selecting Fellows in the future.

“All the initial fellows are people who I’ve gotten to know through my travels, so I know their personalities relatively well,” said Ito. He currently also sits on the board of directors of the MacArthur Foundation, the same group that awards the MacArthur “Genius Grant” Fellowships. From his experience there, Ito hopes to find inspiration in selecting the next Fellows.

“They are very good at finding

people who no one knows, who are extremely interesting, who are extremely diverse,” Ito pointed out. “There’s a possibility that I may steal some pages out of the MacArthur Fellows playbook.”

He already has a list of people being considered for next year’s fellowship. However, regardless of whom he selects, Ito hopes to reach out to involve more of the MIT community in the program.

“They’re Media Lab Fellows, but it’s MIT Media Lab, and I’d love to try to figure out ways to have our Fellows interact with more of the rest of MIT,” said Ito.

## Chorallaries present concert in Bad Taste



Jamal A. Elkhader ‘13 performs at the nth Annual Concert in Bad Taste in front of a rowdy audience in 26-100 on Saturday evening as streams of toilet paper thrown by crowd members fly by.



Members of the crowd during the nth Annual Concert in Bad Taste throw rolls of toilet paper around in 26-100.

## Jim Gaffigan brings chuckles to MIT



“Husband to hot wife, father of five, comedian, actor, writer, [and] former sleeper” Jim Gaffigan performed last Friday night in front of a packed Kresge Auditorium. His jokes spanned a wide range of topics, often food-related. The show was sponsored by the SHASS Department’s de Florez Fund for Humor, and tickets were given to MIT students, faculty, and staff via a lottery.



MIT Global Poverty Initiative co-hosts International Development Hackathon



PRIYA GARG—THE TECH

(left to right) Jorge Malibrán Angel G, Roberto J. Melendez '12, and Kevin Kung G discuss a possible project at the 28-hour International Development (ID) Hackathon last Friday, Feb. 22. Co-hosted by the MIT Global Poverty Initiative and Harvard Developers for Development at the Microsoft NERD center, ID Hack brought together hackers and NGOs from the greater Boston area to work on projects that will make an impact on international development. At the kickoff on Friday evening, over thirty groups pitched ideas to developers, engineers and innovators. After, the entire group mixed to form teams to hack on specific projects.



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# Timeline of MIT notifications unclear

## Over an hour between police response to gunman & alerts to students

Hoax, from Page 1

tem.” The tipster’s IP address indicated New York, although it does not necessarily mean the tipster was physically in New York. The *Boston Globe* reported that Cambridge Police spokesperson Dan Riviello said, “The threat did not come via one of the department’s anonymous tip submission platforms.” When asked by *The Tech* via email to clarify the “Internet relay,” Riviello declined to comment because of their ongoing investigation.

According to police radio traffic, shortly before 9 a.m., an MIT staff member with the same name as one provided by the hoaxster was questioned by police but was uninvolved with the incident.

Around 10 a.m., the Cambridge police started to clear the scene, and at 10:19 a.m., the Cambridge Police tweeted, “Scene is clear. Call unfounded. No threat to public safety in #CambMA #MIT.” MIT Alert sent a text message at 10:46 a.m. saying “Cambridge Police have issued all-clear. MIT returning to normal operation. MIT PD will monitor campus.”

### The FBI and Secret Service are working together with the Cambridge Police to investigate.

The FBI and Secret Service are working in conjunction with the Cambridge Police to investigate the hoax, according to Cambridge Police Department spokesperson Dan Riviello. In a press conference on Saturday, Cambridge police commissioner Robert Haas said, “If we do indeed identify this person, we will be seeking criminal charges.” According to an email from MIT spokesperson Nate Nickerson, however, there is no comment at this time on whether MIT will be pressing charges, and MIT is currently “focused on cooperating in the investigation.”

### Timing of emergency alerts

A looming question that remains is why MIT’s emergency alert

service took so long to send out an alert to students. Cambridge and MIT police were at Mass Ave by 7:30 a.m., but the first alert, which appeared at MIT’s emergency information site (*emergency.mit.net*), appeared at 8:47 a.m., more than an hour later. Students signed up for emergency alerts got a text message around 8:51 a.m. and an email was sent out around 9:22 a.m. notifying students of the report and asking them to stay indoors and report suspicious activity to campus police.

### The Cambridge Police sent out a tweet about the report of a possible gunman at 7:35 a.m. on Saturday.

In comparison, the Cambridge Police sent out a tweet saying “Report of a possible person with a gun on Massachusetts Ave in #CambMA” at 7:35 a.m.

At a press conference on Saturday, John DiFava, facility operations and security director, said that he was called at his home and “made the call to the appropriate people” after he got in his car and started down Highway 93. “The response from the alert came pretty quickly after I made that phone call,” DiFava said. DiFava could not recall what time this happened.

At 8:37 a.m. ten minutes before the first alert from MIT was sent, someone at MIT’s control station asked a sergeant if he should get in contact with the Security and Emergency Management Office (SEMO) to send out an alert asking people to stay out of the Main Group (MIT’s central buildings), and the sergeant said he would call “the chief and Captain Pierce” who “were out.” It is unclear whether DiFava’s notification came before or after 8:37 a.m.

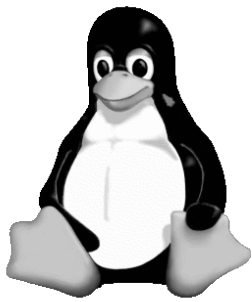
When asked about the lag, DiFava said, “I have to look into it and find out the reason for the lag.”

Nickerson did not provide any new information when asked about timing of the emergency alerts.

### Timeline of Saturday’s gunman hoax incident, from report to the all-clear

7:28 a.m.	Cambridge Police receive report of male with a “large firearm and wearing body armor.” MIT Police is notified.
7:30 a.m.	Cambridge and MIT Police respond to 77 Massachusetts Avenue.
7:35 a.m.	Cambridge Police tweet “Report of possible person with gun on Mass Ave in #CambMA”
7:35 a.m.	State police begin shutting off traffic on Mass Ave between Vassar Street and Memorial Drive.
7:43 a.m.	Police have locked down the area around MIT’s Main Group Buildings (although there were still reports of students and staff in the buildings later).
8:37 a.m.	Someone at the MIT Police’s control center asked whether he should contact the Security and Emergency Management Office (SEMO) to send out an alert asking people to stay out of the Main Group (MIT’s central buildings).
8:47 a.m.	MIT’s emergency information website, <i>emergency.mit.net</i> , is updated. “This morning information was received from Cambridge Police that there was a person with a long rifle and body armor in the Main Group Building of MIT. Multiple law enforcement agencies have responded, please stay clear of the area until the authorities can confirm that it is safe to enter. More to follow.”
8:51 a.m.	MIT’s emergency alert sends a text message. “Multiple law enforcement agencies on campus in response to a report of a person with a gun on campus, further info on the Emergency Web Page.”
9:10 a.m.	A second text message is sent out. “Multiple law enforcement agencies on campus in response to a report of a person with a gun on campus. Stay indoors and shelter in place and report suspicious activity to the campus police dispatch dial 100.”
9:22 a.m.	MIT Alert sends out an email to <i>all-campus@mit.edu</i> saying “This morning information was received by Cambridge Police that there was a person with a long rifle and body armor in the Main Group Building of MIT. Multiple law enforcement agencies have responded, stay indoors and shelter in place and report suspicious activity to the campus police dispatch dial 100. More updates to follow on <i>emergency.mit.net</i> .”
9:30 a.m.	A third text message says “Continue to shelter in place, report suspicious activity by cell phone to MIT Police.”
Around 10:00 a.m.	Cambridge Police start to clear the scene.
10:19 a.m.	Cambridge Police tweet “Scene is clear. Call unfounded. No threat to public safety in #CambMA #MIT”
10:46 a.m.	MIT alert sends a text message saying “Cambridge Police have issued all-clear. MIT returning to normal operation. MIT PD will monitor campus.”

— Joanna Kao



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### Solution to Sudoku

from page 10

8	6	2	3	9	1	5	7	4
5	7	1	2	6	4	8	9	3
3	9	4	5	8	7	6	2	1
4	2	8	6	7	3	1	5	9
6	3	9	1	2	5	4	8	7
1	5	7	8	4	9	2	3	6
2	4	6	9	3	8	7	1	5
7	1	3	4	5	2	9	6	8
9	8	5	7	1	6	3	4	2

### Solution to Techdoku

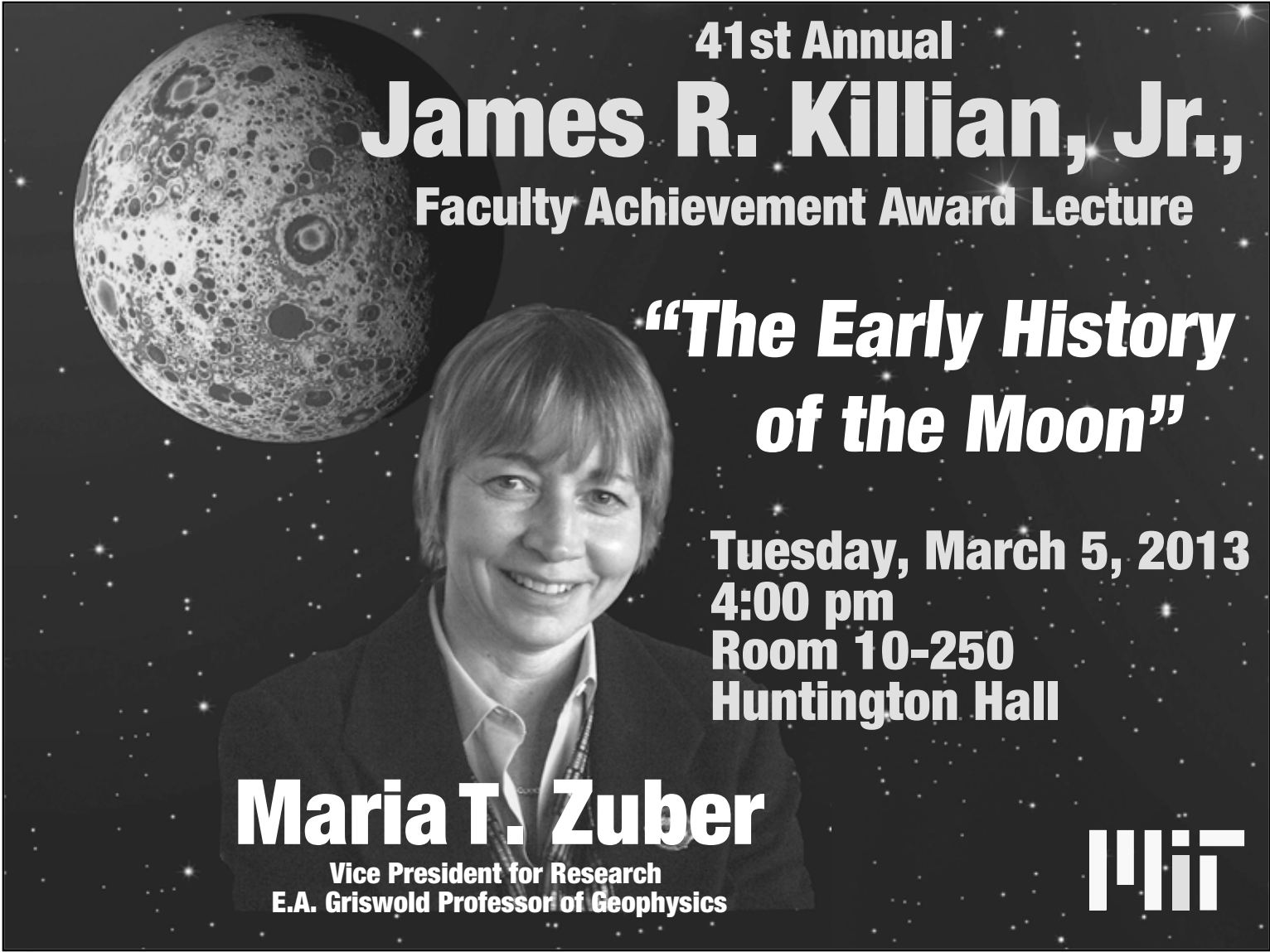
from page 8

6	3	4	2	5	1
4	1	2	6	3	5
2	5	6	4	1	3
3	6	1	5	2	4
5	2	3	1	4	6
1	4	5	3	6	2

### Solution to Crossword

from page 8

C	L	U	B	M	E	D	W	R	O	N	G	E	D
H	A	N	S	O	L	O	H	I	M	O	R	M	E
I	N	H	I	B	I	T	O	P	I	N	I	O	N
A	C	I	D	S	E	L	S	T	O	N	T	O	
P	E	T	E	R	O	U	N	D	S	N	I	T	
E	T	C		C	A	N	T	E	E	N	E	V	E
T	S	H	I	R	T		E	X	P	A	N	D	E
			C	O	I	L		T	O	N	E		
F	I	R	E	W	O	O		S	O	U	G	H	T
I	N	E		E	N	C	A	G	E	S		L	A
A	P	P	T		S	H	R	E	D		S	O	D
S	L	O	A	N		N	E	T		L	I	A	R
C	A	R	R	A	C	E		S	W	E	E	T	I
O	C	T	O	P	U	S		A	P	O	G	E	A
S	E	S	T	E	T	S		T	A	V	E	R	N



41st Annual

# James R. Killian, Jr.,


Faculty Achievement Award Lecture

## “The Early History of the Moon”

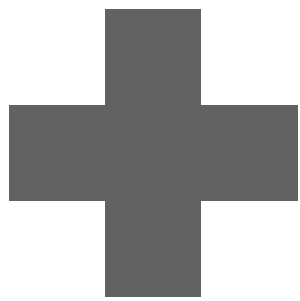
Tuesday, March 5, 2013  
4:00 pm  
Room 10-250  
Huntington Hall

# Maria T. Zuber

Vice President for Research  
E.A. Griswold Professor of Geophysics







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## Solution, page 8

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

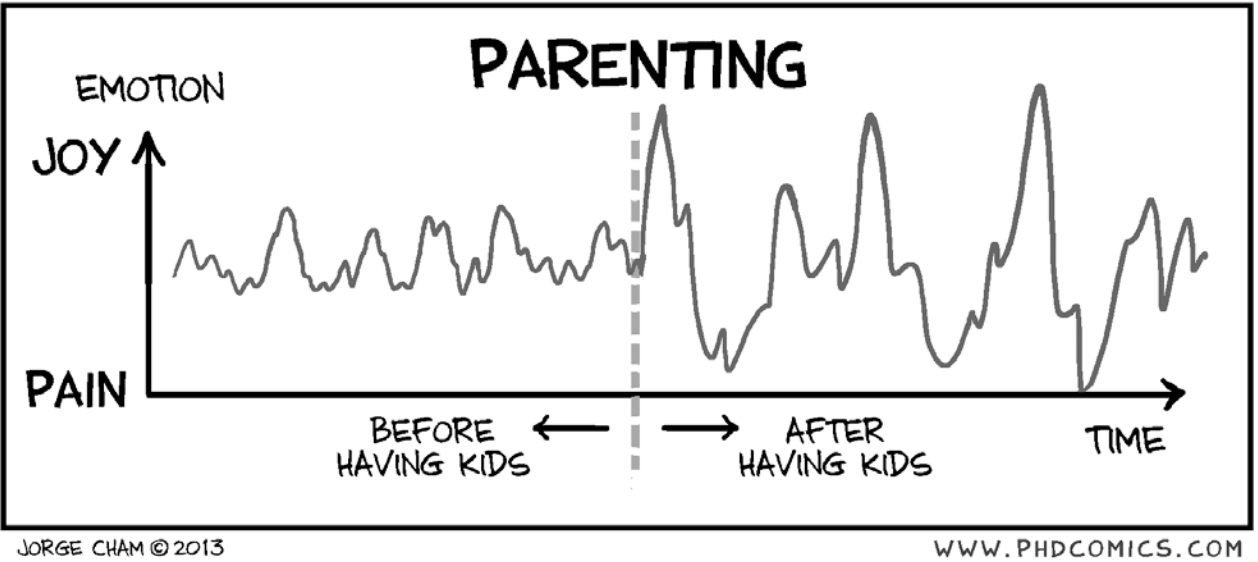
## Solution, page 8

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

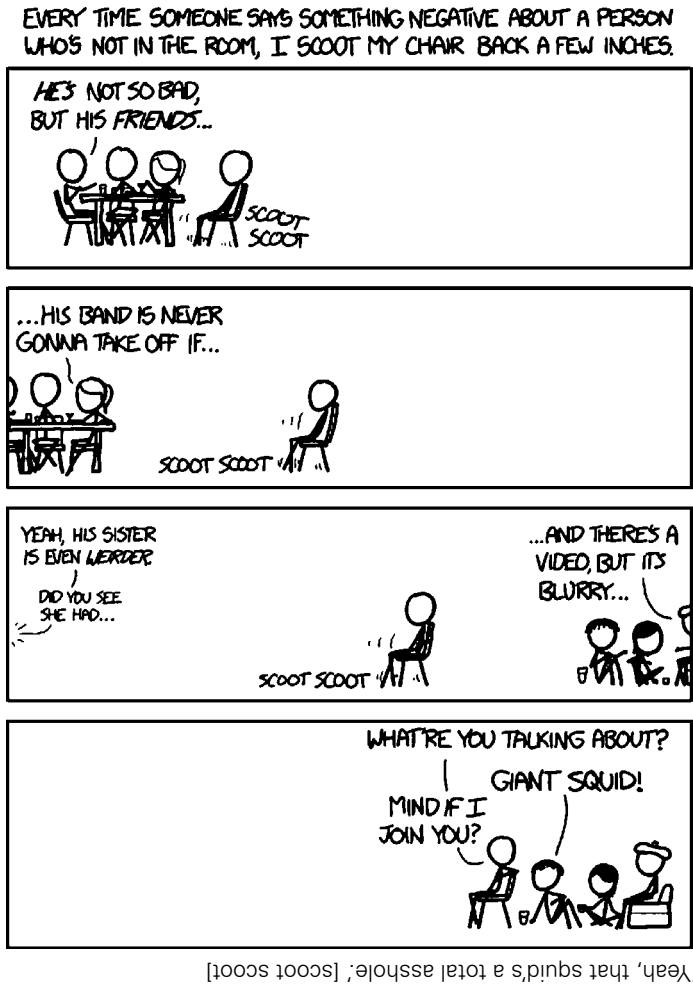
Solution, page 8

55 Barbering spot  
57 10th-century pope  
59 Off the team  
61 Largest New Deal agcy.



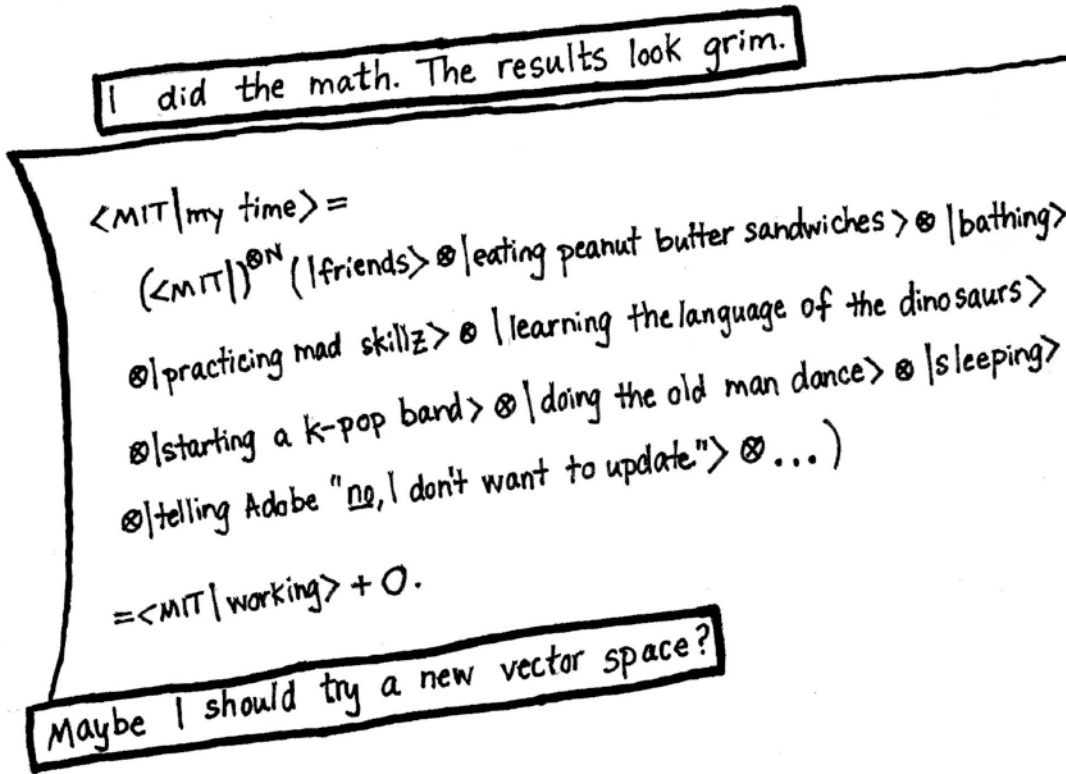


[1176] Those Not Present



Least Action Principle

by Amanda Aparicio



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A person wearing a VR headset, looking into a virtual world.

*Chris Paul takes home All-Star Game MVP Award with 20 points, 15 assists, 4 steals*

SPORTS EDITOR

In the Eastern Conference, Team Bosh — Chris Bosh (Miami Heat), Dominique Wilkins (Legend), Swin Cash (Chicago Sky) — beat Team Lopez — Brook Lopez (Brooklyn Nets), Muggsy Bogues

In the Eastern Conference, Brandon Knight (Detroit Pistons), Jrue Holiday (Philadelphia 76ers) and Jeff Teague (Atlanta Hawks)

In the East, Paul George (Indiana Pacers), Steve Novak (New York Knicks) and Kyrie Irving (Cleveland

One of the more notable attempts was from Gerald Green. He tried to dunk the ball twice while in air, but he wasn't able to com-

The weekend closed with the main event, the All-Star Game. Western forward Kevin Durant (Oklahoma City Thunder) was on fire for the majority of the game, and he finished with 30 points, leading all scorers. The game was close throughout as the West never had a lead greater than 8 points until the fourth quarter. LeBron James (Miami Heat) finished the game with 19 points, but was blocked twice in the waning seconds of the game by Kobe Bryant (Los Angeles Lakers), which sealed the East's fate. Chris Paul (Los Angeles Clippers) was voted MVP of the game for his outstanding performance. He had 15 assists and 4 steals to go along with 20 points.



**MIT-ISN /Army Labs 2013**  
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If you have questions about this program, or experience difficulty using the website, please contact Marlisha McDaniels, at the ISN: [mmcd@mit.edu](mailto:mmcd@mit.edu), 617.324.4700.

**\*The Army Lab provides the intern's salary, which typically ranges from \$2280/month to \$2864/month depending on class year. Under certain circumstances the ISN can provide the intern with a supplement of up to \$1500 to defray costs of local accommodations and travel.**

The mission of the MIT Institute for Soldier Nanotechnologies is to dramatically improve the protection and survivability of the Soldier and first responder through basic research and collaboration with the Army and industry.

# MIT falls to Springfield College in NEWMAC tournament

No. 2 ranked MIT fell in the semifinals round of the NEWMAC tournament to No. 3 Springfield College. William Tashman '13 led MIT with 19 points and 11 rebounds. After a hard-fought first half with many runs by both teams, the Engineers went into the locker room up 34-30 at halftime. Springfield managed to remain close for the majority of the second half until 6:48 remaining when they tied the game. After regaining the lead, MIT struggled to score for the last five minutes of the game, which would prove to be their undoing. Springfield went on a 12-0 run and beat MIT, 68-60. After losing in the NEWMAC tournament, the Engineers must wait for the NCAA's selection to see if they earned an at-large bid in the 2013 Men's Basketball Tournament.

—Austin Osborne

**Tuesday, February 26**

Men's Tennis vs. Eastern Nazarene College 4 p.m., DuPont Tennis Courts

## Wednesday, February 27

**Men's Volleyball vs. Springfield College** *6 p.m., Rockwell Cage*

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